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September 28, 2004, 10:40:08; Search time 23.2779 Seconds (without alignments) 742.965 Million cell updates/sec
                                                                                                                                                                                                                                                                              1 MLGIWTLLPLVLTSVARLSS......KDITSDSENSNFRNEIQSLV 335
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                389414 segs, 51625971 residues
                                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                            US-09-446-634B-22
1804
                                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                Searched:
                                                                                                                                                                                                                                                                                 Sequence:
                                                                                                                                         Run on:
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 2000000000 Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Appli Sequence 2, Ag Sequence 20, 2 Sequence 3, Ag Sequence 2, Description Sequence Sequence Sequence Sequence S Sequence 3 Sequence 6 Sequence 3 Sequence 3 Sequence 1 Sequence 1 Seguence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence US-08-219-237B-2 US-08-409-338-1 US-09-200-640-2 US-09-2000-353A-7 US-09-180-100-20 US-09-180-100-20 US-09-55-918-3 US-09-55-615B-2 PCT-US-9-170B3-2 US-09-66-615B-2 US-09-64-868-3 US-09-086-483A-3 US-09-086-483A-19 US-08-795-445A-45 US-08-795-446B-45 US-08-974-022-45 US-09-527-236A-3 SUMMARIES Query Match Length DB 100.0 100.0 100.0 100.0 100.0 100.0 99.3 96.6 92. 1804 1804 1804 1804 1804 1804 1804 1804 1743 1667.5 1667.5 1667.5 1484 1743 1484 Result No.

45, 15,	Sequence 66, Appl Sequence 66, Appl Sequence 21, Appl Sequence 23, Appl	Sequence 22, Appl Sequence 9, Appli Sequence 10, Appl Sequence 11, Appl	Sequence 3, Appli Sequence 14, Appl Sequence 5, Appli Sequence 3, Appli	15, 5, 1
US-08-577-788C-45 US-08-828-683A-22 US-09-180-100-15	US-09-290-640-66 US-09-665-615B-66 US-09-180-100-21 US-09-180-100-23	US-09-180-100-22 US-09-180-100-9 US-09-180-100-10 US-09-180-100-11	US-08-219-237B-3 US-08-477-347-14 US-08-476-862-5 US-08-468-560C-3	US-08-828-683A-15 US-09-800-909-5 US-09-800-908-14
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8 6 0 6	2 C C C C	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	98 4 4 4 90 11 5	1 4 4 4 15 4 4 5

ALIGNMENTS

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APPLICANT: ITOH, Naoto
APPLICANT: YONERARA, Shin
ITILE OF INVENTION: DNA Coding for Human Cell Surface Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: James W. Hellwege
                                                                                                                                                                                                                                                                                                                                                                                                                  CMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/219,237B
FILING DATE: 28-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION 1435
PRIOR APPLICATION 1435
PRIOR APPLICATION 1435
FILING DATE: 22-APR-1992
CLASSIFICATION 10MBER: US 07/872,129
FILING DATE: 22-APR-1992
ATTONBEY/AGENT INPORMATION:
NAME: James M. Hellhwege
REGISTRATION NUMBER: 28,808
REGISTRATION NUMBER: 516762
                                                                                                                                                                                                                                                       ADDRESSEE: James W. Hellwege
STREET: P.O. Box 2266 Eads Station
CITY: Arlington
STATE: Virginia
COUNTRY: USA
                ; Sequence 2, Application US/08219237B
; Patent No. 5874546
; GENERAL INFORMATION:
                                                                                                     APPLICANT: NAGATA, Shigekazu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 335 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
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US-08-219-237B-2
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0 9 1 MLGIWTLIPLVIISVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH 0; Gaps Length 335; Indels Query Match 100.0%; Score 1804; DB 2; Best Local Similarity 100.0%; Pred. No. 1.9e-160; Matches 335; Conservative 0; Mismatches 0; ð

1 MLGIWTLIPLVLTSVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH 60

Db

Sequence

US-08-706-945D-131

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                                                                                    121 RIQNIKCRCKPNFFCNSTVCEHCDPCTKCEHGIIKECTLISNIKCKEEGSRSNLGWLCLL 180
                                                                                                               KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT 120
                      61 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT
                                                                                                                                                                        181 LLPIPLIVWVKRKEVQKTCRKHRKENQGSHESPTLNPETVAINLSDVDLSKYITTIAGVM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Trauth, Ardus M. Denhard C. APPLICANT: Behrmann, Iris APPLICANT: Behrmann, Iris APPLICANT: Behrmann, Iris APPLICANT: Dhein, Jens APPLICANT: M. 11er., Peter APPLICANT: M. 11er., Peter APPLICANT: Pohm Alexander APPLICANT: Daniel, Peter T. APPLICANT: Daniel, Peter T. APPLICANT: Daniel, Peter T. CORRESPONDENCE ADDRESS: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Two Militia Drive
CITY: Lexington, MA 02173
STATE: Massachusetts
ZIP: CITY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/409,338
                                                                                                                                                                                                                                                                                                                                                                           301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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FILING DATE: 16-JUN 1994
APPLICATION NUMBER: US 07/691,016
FILING DATE: 17-JUN 1991
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Krammer, Peter H.
APPLICANT: Debatin, Klaus-Michael
APPLICANT: Trauth, Bernhard C.
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Patent No. 5891434
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NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: CT
TELECOMMUNICATION INPORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
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CLASSIFICATION: 424
PRIOR APPLICATION DATA:
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APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling FILE REFERENCE: ISPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
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                                                                            1 MLGIWTLLPLVLTSVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH
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Best Local Similarity 100.0%; Pred. No. 1.9e-160;
Matches 335; Conservative 0; Mismatches 0; Indels 0.
Length 335;
                                        0; Indels
100.0%; Score 1804; DB 2;
100.0%; Pred. No. 1.9e-160;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-290-640-2; Sequence 2, Application US/09290640; Patent No. 6204055
    Query Match
Best Local Similarity 100.
Matches 335; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 335
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301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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TOPOLOGY: lim
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  703-205-8050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; MOLECULE TYPE: protein US-08-468-560C-2
                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                       RESULT 5
US-08-468-560C-2
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                                                                                                                                                                                                                                                                                                                                                                                   CITY:
STATE:
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                            셤
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             181 LLPIPLIVWVKRKEVQKTCRKHRKENQGSHESPTLNPETVAINLSDVDLSKYITTIAGVM 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         181 ILPIPLIVWYKRKEVQKTCRKHRKENQGSHESPTINPETVAINLSDVDLSKYITTIAGVM 240
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                                                                                                                                                                                                                                                                                                     TUMOR NECROSIS FACTOR RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/006,353A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
          ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
                                  301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: HUMAN GENOME SCIENCES, INC
STREET: 9410 KEY WEST AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: BROOKES, ANDERS A
REGISTRATION NUMBER: 3.73
REFERENCE/DOCKET NUMBER: PF341
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEPHONE: (301) 309-8512
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                        Sequence 7, Application US/09006353A Patent No. 6261801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DENGTH: 335 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: WEI, YING-FEI
APPLICANT: YU, GUO-LIANG
APPLICANT: RUBENT
APPLICANT: RUBEN
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Best Local Similarity 100.
Matches 335; Conservative
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MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TU NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
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CITY: ROCKVILLE
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                                                                                                              RESULT 4
US-09-006-353A-7
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             301
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61 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT 120
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                                                              APPLICANT: NGATA, Shigekazu
APPLICANT: ITOH, Nacto
APPLICANT: YONEHARA, Shin
TITLE OF INVENTION: DNA CODING FOR HUMAN CELL SURFACE
TITLE OF INVENTION: ANTIGEN
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                           ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP. STREET: P.O. BOX 747
CITY: FALLS CHURCH
                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,560C FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match 100.0%; Score 1804; DB 3; Best Local Similarity 100.0%; Pred. No. 1.9e-160; Marches 335; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR., GERLAD M.
RECISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 20-4393P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
Sequence 2, Application US/08468560C Patent No. 6270998
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Patent No. 6433147

GENERAL INFORMATION:

APPLICANT: Ni, Jian

APPLICANT: Rosen, Craig A.

APPLICANT: Rosen, Craig A.

APPLICANT: Gentz, Reiner L.

APPLICANT: Gentz, Reiner L.

TITLE OF INVENTION: Death Domain Containing Receptor 4

FILE REFERENCE: 1488.1300005

CURRENT FILING DATE: 2000-05-05

CURRENT FILING DATE: 2000-05-05

PRIOR APPLICATION NUMBER: US 60/132,922
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                   APPLICANT: NAKAMURA, NO. 630639510
APPLICANT: NAKAMURA, NO. 630639510
APPLICANT: NAGARA, Shigekazu
TILLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/180,100
CURRENT FILING DATE: 1998-11-02
EARLIER APPLICATION NUMBER: PCT/JP97/01502
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
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PRIOR FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: US 09/013,895
PRIOR FILING DATE: 1998-01-27
PRIOR FILING DATE: 1997-02-05
PRIOR FILING DATE: 1997-02-05
PRIOR APPLICATION NUMBER: US 60/037,829
PRIOR APPLICATION NUMBER: US 60/035,722
                          ; Sequence 20, Application US/09180100 ; Patent No. 6306395
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Best Local Similarity
                                                                             GENERAL INFORMATION:
-09-180-100-20
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                                                                                                                                                                                      100.0%; Score 1804; DB 4; Length 335; 100.0%; Pred. No. 1.9e-160;
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APPLICANT: Ni, Jian
APPLICANT: Gentz, Reiner
APPLICANT: Ruben, Steven
TITLE OF INVENTION: Tumor Necrosis Factor Receptor
FILE REFERENCE: 1488.1280004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 1804; DB 4;
100.0%; Pred. No. 1.9e-160;
tive 0; Mismatches 0;
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CURRENT FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 27
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                                                                                                                                                                                                          100.0%;
1997-01-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 335
                   NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
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US-09-573-986-7
                                                                                                                           ORGANISM: Homo sapiens
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PRIOR FILING DATE:
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US-09-573-986-7
                                                                                   LENGTH: 335
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                                                             SEQ ID NO 3
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Best Local (
                                                                                                         TYPE: PRT
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Best Local
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USSN 08/371,263

us-09-446-634b-22.sep2004.rai

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APPLICATION NUMBER: PCT/US95/17083
FILING DATE: CONCURRENTLY HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/371,263
FILING DATE: 23-DEC-1994
INFORMATION FOR SEQ ID NO: 2:
CURRENT APPLICATION DATA:
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 121 RIQNIKCRCKPNFFCNSTVCEHCDPCTKCEHGIIKECTLISNTKCKEEGSRSNLGWLCLL 180
                                    LLPIPLIVWVKRKEVQKTCRKHRKENQSSHESPTLNPETVAINLSDVDLSKYITTIAGVM 240
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GENERAL INFORMATION:

APPLICANT: Dean, Nicholas M.

APPLICANT: Marcusson, Eric G.

APPLICANT: Watch, Jacquelline
TITLE ON INVENTION: Anciense Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0502

CURRENT APPLICATION NUMBER: US/09/665,615B

CURRENT APPLICATION NUMBER: US 09/290,640

PRIOR APPLICATION NUMBER: US 09/290,640

PRIOR FILING DATE: 1999-04-12

NUMBER OF SEC ID NOS: 179
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100.0%; Pred. No. 1.9e-160;
iive 0; Mismatches 0;
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GENERAL INFORMATION:
APPLICANT:
                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09665615B Patent No. 6653133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Ver. 2.0
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Matches 335; Conservative
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TITLE OF INVENTION: NUMBER OF SEQUENCES:

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                                                                                                                                                                                               0;
                                                                                                                                            Length 335;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/013,895A
                                                                                                                                         Query Match
100.0%; Score 1804; DB 5;
Best Local Similarity 100.0%; Pred. No. 1.9e-160;
Matches 335; Conservative 0; Mismatches 0;
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ADDRESSEE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVENUE
CITY: ROCKVILLE
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Patent No. 6342363
GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Rosen, Craig A.
APPLICANT: Pan, James G.
APPLICANT: Pan, James G.
APPLICANT: Gentz, Reiner L.
APPLICANT: Dixit, Vishva M.
TITLE OF INVENTION: Receptor 4), Med TITLE OF INVENTION: Superfamily and NUMBER OF SEQUENCES: 12
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SEQUENCE CHARACTERISTICS:
LENGTH: 335 amino acids
TYPE: amino acid
                                                                       ; TOPOLOGY: linear
PCT-US95-17083-2
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US-09-013-895A-3
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ADDRESSEE:
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APPLICANT: Ni, Jian
APPLICANT: Rosen, Craig A.
APPLICANT: Pan, James G.
APPLICANT: Gentz, Reiner L.
APPLICANT: Dixit, Vishva M.
TITLE OF INVENTION: Receptor 4, Member of the TNF-Receptor
TITLE OF INVENTION: Superfamily and Binding to Trail (AP02-L)
NUMBER OF SEQUENCES 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GENOME SCIENCES, INC.
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/448,868
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           NAME: STEFE, ERIC K.
REGISTRATION NUMBER: 35,688
REFERENCE /DOCKET NUMBER: 1488.1300002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-250
TELEPA: (202) 371-250
INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
LENGTH: 669 amino acids
TYPE: amino acid
STEANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 100.
Matches 335; Conservative
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MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MLGIWTLLPLVLTSVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Yu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Ni, Jian
APPLICANT: Dixit, Vishva
APPLICANT: Dillon, Patrick J.
APPLICANT: Dillon, Patrick J.
TITLE OF INVENTION: Death Domain Containing Receptors
NUMBER OF SEQUENCE: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 1804; DB 4; Best Local Similarity 100.0%; Pred. No. 4.9e-160; Matches 335; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/013,895
FILING DATE: 27-JAN-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1300004
TELECOMMUNICATION:
THE PRIVATE AND ASSISTED AND ASSISTED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/08815469; Patent No. 6153402; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                              TELEPHONE: (202) 371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 669 amino acids
TYPE: amino acid
STRANDEDNESS: single
HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1100 New CITY: Washington
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TOPOLOGY:
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COUNTRY:
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TITLE OF INVENTION: HUMAN TUMOR NECROSIS FACTOR RECEPTOR TRIO
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        99.3%; Score 1792; DB 3; Length 335; 99.7%; Pred. No. 2.5e-159;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Indels
               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/815,469 FILING DATE: HEEWITH CLASSIFICATION: 435 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                            NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0310003/EKS/KRM
TELECOMMINICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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                                                                                                                                            APPLICATION NUMBER: No. 6153402 Yet Assigned FILING DATE: 06-FEB-1997
PRIOR APPLICATION DATA: 260/028,711
APPLICATION NUMBER: US 60/028,711
FILING DATE: 17-OCT-1996
PRIOR APPLICATION DATA: US 60/013,285
FILING DATE: 12-MAR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: not relevant
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 335 amino acids
TYPE: amino acid
STRANDEDNESS: not releva
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 334; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           protein
OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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US-09-086-483A-3
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238 TLSQVKGFVRKNGVNEAKIDEIKNDNVQDTAEQKVQLLRNWHQLHGKKEAYDTJJKDLKK 297
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        241 TLSQVKGFVRKNGVNEAKIDEIKNDNVQDTAEQKVQLLRNWHQLHGKKEAYDTLIKDLKK 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 MLGIWILLPLVLTSVARLSSKSVNAQVIDINSKGLELRKTV-TVETQNLEGLHHDGQFCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MIGIWILLPLVLTSVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH
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APPLICANT: Ni, Jian et al.
IIILE OF INVENTION: Human Tumor Necrosis Factor Receptor TR10
FILE REPERENCE: PF379P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    96.6%; Score 1743; DB 3; Length 331; 98.8%; Pred. No. 9.2e-155; ive 0; Mismatches 0; Indels
                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/086,483A
FILING DATE: May-29-98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-580-212-3; Sequence 3, Application US/09580212; Patent No. 6506569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: BROOKES, ANDERS A.
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8439
                                                                                                                                                                                                                                                                                         PAPPLICATION NUMBER: 60/0
FILING DATE: May-30-97
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              331 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (301) 309-8439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: Dec-9-97
CLASSIFICATION: 435
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid STRANDEDNESS: sin
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241 TLSQVKGFVRKNGVNEAKIDBIKNDNVQDTABQKVQLLRNWHQLHGKKEAYDTLIKDLKK 300
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                                                                                                                                                                                                                                                                                                                                                 1 MLGIWTLLPLVLTSVARLSSKSVNAQVTDINSKGLELRKTV-TVETQNLEGLHHDGQFCH 59
                                                                                                                                                                                                                                      1 MIGIWILLDIVLISVARLSSKSVNAQVIDINSKCLELRKTVTTVETQNLEGLHHDGQPCH
                                                                                                                                                                                                              4; Gaps
                                                                                                                                                                                    Query Match 96.6%; Score 1743; DB 4; Length 331; Best Local Similarity 98.8%; Pred. No. 9.2e-155; Matches 331; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     301 ANLCTLAEKIQTILKDITSDSENSNFRNEIQSLV 335
298 ANLCTLAEKI-TILKDITSDSENSNFRNEIQSLV 331
TYPE: PRT
CRGANISM: Homo sapiens
US-09-580-212-3
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Search completed: September 28, 2004, 10:56:30 Job time: 25.2779 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM protein - protein search, using sw model

September 28, 2004, 10:52:43; Search time 90.0755 Seconds (without alignments) 1195.909 Million cell updates/sec Run on:

US-09-446-634B-22

1 MLGIWTLLPLVLTSVARLSS.......kDITSDSENSNFRNEIQSLV 335 1804 Perfect score:

Sequence:

BLOSUM62

Scoring table:

1349238 segs, 321558718 residues Searched:

Gapop 10.0 , Gapext 0.5

1349238 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/DFT NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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13: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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15: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US00_PUBCOMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 7, Appli Sequence 20, Appli Sequence 4, Appli Sequence 2, Appli Sequence 3, Appli Sequence 3, Appli Sequence 4, Appli Sequence 3, Appli Sequence 3, Appli Sequence 6, Appli	
ID	US-09-826-212-7 US-09-892-69-7 US-09-949-113-20 US-09-884-987-2 US-09-935-727-9 US-10-10-227-9 US-10-10-227-9 US-10-10-22-3 US-10-10-3 US-10-174-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4 US-10-774-622-4	
DB	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
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Query Match	00000000000000000000000000000000000000	
Score	1000 1000 1000 1000 1000 1000 1000 100	
Result No.	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

Seguence 3, Appli	.,,	Sequence 6, Appli	ه	•	4	m	7-1	4	3		Н	9			22.	74		ص ،	21			Sequence 22, Appl	1	6	10	11	'n	'n	Sequence 14, Appl
14 US-10-226-318-3	16 US-10-648-786-3	9 US-09-333-966-6	US-09-31	0-185		14 US-10-280-047-3		16 US-10-741-601-451	m	13 US-10-041-574-3	11 US-09-405-032-128	9 US-09-925-299-960	ns-0	US-10-741	m		$\Omega S - 09$	US-10-619-22	9 US-09-949-713-21			9 US-09-949-713-22	14 US-10-084-139-10	₽	9 US-09-949-713-10	9 US-09-949-713-11	9 US-09-800-909-5	9 US-09-884-987-3	9 US-09-800-908-14
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ALIGNMENTS

APPLICANT: Wei, Ying-Fei
APPLICANT: Gentz, Reiner
APPLICANT: Ruben, Steven
APPLICANT: Ni, Jian
TITLE OF INVENTION: Tumor Necrosis Factor Receptor 5
FILE REFERENCE: 1488.1280006
CURRENT APPLICATION NUMBER: US/09/826,212
CURRENT APPLICATION NUMBER: US/09/826,212
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.0
SEQ ID NO 7 Sequence 7, Application US/09826212
Patent No. US20010021516A1
GENERAL INFORMATION: LENGTH: 335
TYPE: PRT
ORGANISM: Homo sapiens US-09-826-212-7 US-09-826-212-7

0 61 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT 120 121 RIQNIKCRCKPNFFCNSTVCEHCDPCTKCEHGIIKECTLISNIKCKEEGSRSNIGHLCLL 180 61 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT 120 121 RIQNTKCRCKPNFFCNSTVCEHCDPCTKCEHGIIKECTLTSNTKCKEEGSRSNLGWLCLL 180 09 1 MIGIWILLPLVLTSVARLSSKSVNAQVIDINSKGLELRKIVITVETQNLEGLHHDGQFCH 1 MLGIWILLPLVLISVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH 0; Gaps Length 335; Indels 100.0%; Score 1804; DB 9; 100.0%; Pred. No. 1.2e-149; iive 0; Mismatches 0; Matches 335; Conservative Query Match Best Local Similarity Db à 엄 ð à

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| GENERAL INFORMATION: | APPLICANT: Dean, Nicholas M. |
| APPLICANT: Marcusson, Eric G. |
| APPLICANT: Watt, Jacqueline |
| APPLICANT: Watt, Jacqueline |
| APPLICANT: Watt, Jacqueline |
| TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling |
| TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling |
| TITLE REFERENCE: ISPH-545 |
| CURRENT APPLICATION NUMBER: US 09/802,669 |
| PRIOR FILING DATE: 2001-03-09 |
| PRIOR FILING DATE: 2000-09-18 |
| PRIOR FILING DATE: 1999-04-12 |
| NUMBER OF SEQ ID NOS: 180 |
| SOFTWARE: PatentIn Ver. 2.0 |
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                                                          TLSQVKGFVRKNGVNEAKIDEIKNDNVQDTAEQKVQLLRNWHQLHGKKEAYDTLIKDLKK 300
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Best Local Similarity 100.0%; Pred. No. 1.2e-149;
Matches 335; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                              ; Sequence 2, Application US/09802669; Patent No. US2002004490A1
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LENGTH: 335
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APPLICANT: NAKAMIRA, No. US20020044944A1io APPLICANT: NAGATA, Shigekazu

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121 RIQNIKCRCKPNFFCNSIVCEHCDPCIKCEHGIIKECTLISNIKCKEEGSRSNLGWLCLL 180
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APPLICANT: Gentz, Reiner L.
APPLICANT: Gentz, Reiner L.
APPLICANT: Yu, Guo-liang
APPLICANT: Yu, Guo-liang
APPLICANT: Resen, Craig A.
TITLE OF INVENTION: Death Domain Containing Receptor 5
FILE REFERENCE: 1488.1310006
CURRENT APPLICATION NUMBER: US/09/874,138
CURRENT APPLICATION NUMBER: 09/565,009
PRIOR FILING DATE: 2001-06-06
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 60/133,238
PRIOR APPLICATION NUMBER: 60/133,288
PRIOR PELING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-04
PRIOR FILING DATE: 1999-03-17
PRIOR PILING DATE: 1997-03-17
PRIOR PELING DATE: 1997-03-17
PRIOR PELING DATE: 1997-03-17
PRIOR FILING DATE: 1997-03-17
PRIOR FILING DATE: 1997-03-17
NUMBER OF SEQ ID NOS: 14
TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE;
FILE REFERENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/949,713
CURRENT PILING DATE: 1001-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR FILING DATE: 1998-11-02
PRIOR FILING DATE: 1997-05-01
NUMBER OF SEQ 1D NOS: 25
SOFTWARE: PARCHING DATE: 1997-05-01
NUMBER OF SEQ 1D NOS: 25
SOFTWARE: PARCHIN Ver. 2.0
SEQ 1D 0 20
LENGTH: 335
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100.0%; Pred. No. 1.2e-149;
tive 0; Mismatches 0;
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335, Conserv
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US-09-874-138-4
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241 TLSQVKGFVRKNGVNEAKIDEIKNDNVQDTAEQKVQLLRNWHQLHGKKEAYDTLIKDLKK 300
                                                              241 TLSQVKGFVRRNGVNEAKIDEIKNDNVQDTAEQKVQLLRNWHQLHGKKEAYDTLIKDLKK 300
                                                                                                                                                                                                                                                                                                                                              APPLICANY: Human Genome Sciences, Inc.
TITLE OF INVEMATION:
TITLE OF INVEMATION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
TITLE OF INVEMATION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
FILE REFERENCE: PF45492
CURRENT APPLICATION NUMBER: US/09/935,727
CURRENT FILING DATE: 2001-08-24
FRIOR FILING DATE: 2001-07-06
FRIOR APPLICATION NUMBER: 60/252,131
FRIOR APPLICATION NUMBER: 60/257,598
FRIOR FILING DATE: 2000-08-25
FRIOR APPLICATION NUMBER: 60/216,931
FRIOR APPLICATION NUMBER: 60/168,235
FRIOR FILING DATE: 1999-12-01
FRIOR APPLICATION NUMBER: 60/131,964
FRIOR FILING DATE: 1999-08-02
FRIOR FILING DATE: 1999-08-02
FRIOR FILING DATE: 1999-04-30
FRIOR FILING DATE: 1999-04-30
FRIOR FILING DATE: 1999-04-30
FRIOR FILING DATE: 1999-04-27
FRIOR FILING DATE: 1999-03-04
FRIOR FILING DATE: 1999-03-04
FRIOR FILING DATE: 1999-03-04
FRIOR FILING DATE: 1999-03-12
FRIOR FILING DATE: 1999-01-13
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Best Local Similarity 100.0%; Pred. No. 1.2e-149;
Matches 335; Conservative 0; Mismatches 0;
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; Patent No. US20020150583A1
; GENERAL INFORMATION:
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ORGANISM: Homo sapiens
US-09-935-727-9
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                                                                                                                                                           100.0%; Score 1804; DB 9; Length 335; 100.0%; Pred. No. 1.2e-149; 1.1ve 0; Mismatches 0; Indels 0
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TITLE OF INVENTION: DNA CODING FOR HUMAN CELL SURFACE ANTIGEN
FILE REFERENCE: 0020-4877P
CURRENT APPLICATION WMBER: US/09/884,987
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 11
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Patent No. US20020102653A1
GENERAL INFORMATION:
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                                                                                                                                                                              Best Local Similarity 100.0
Matches 335; Conservative
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Best Local Similarity 100.0
Matches 335, Conservative
SOFTWARE: Patentin Ver.
                                                                                     ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-09-884-987-2
                   SEQ ID NO 4
LENGTH: 335
                                                                                                             US-09-874-138-4
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US-09-884-987-2
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US-10-175-902-3
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100.0%; Pred. No. 1.2e-149;
tive 0; Mismatches 0;
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Publication No. US20020098550A1
GENERAL INFORMATION:
APPLICANT: Ni, Jian
Gentz, Reiner
Yu, Guo-Liang
Su, Jeffrey
                                                                                                        Sequence 2, Application US/10619220
Publication No. US20040033979A1
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Matches 335; Conservative
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US-10-005-842-4
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Best Local Similarity 100.0%; Score 1804; DB 13; Length 335;
Best Local Similarity 100.0%; Pred. No. 1.2e-149;
Matches 335; Conservative 0; Mismatches 0; Indels 0;
Rosen, Craig A.
TITLE OF INVENTION: Death Domain Containing Receptor
                                                                                                                                                                                                                                                                    COPPUTER: ISM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.30
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                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,583
FILING DATE: -Unknown>
APPLICATION NUMBER: 05/040,846
APPLICATION NUMBER: US 60/040,846
FILING DATE: 17-MAR-1997
ATTORNEY AGENT INFORMATION:
REGISTRATION NUMBER: 40,302
                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/005,842
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: PF366
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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STRANDEDNESS: single
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                                                      NUMBER OF SEQUENCES: 12
                                                                                                                                                CITY: Rockville
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NUMBER OF SEQ ID NOS: 27
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                                                                                             ; ORGANISM: Homo sapiens
US-10-186-643-7
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                          APPLICANT: Ni, Jian
APPLICANT: Ni, Jian
APPLICANT: Rosen, Craig A.
APPLICANT: Pan, James G.
APPLICANT: Pan, James G.
APPLICANT: Pan, James G.
APPLICANT: Gentz, Reiner I.
APPLICANT: Dixit, Vishva M.
ITLE OF INVENTION: Death Domain Containing Receptor 4
FILE REFERENCE: 1488.1300005
CURRENT APPLICATION NUMBER: US/10/175, 902
CURRENT APPLICATION NUMBER: 09/565, 918
PRIOR APPLICATION NUMBER: 09/565, 918
PRIOR FILING DATE: 1999-05-06
PRIOR PLILOR DATE: 1999-05-06
PRIOR PLILOR DATE: 1999-06-07
PRIOR PLILOR DATE: 1998-01-27
PRIOR PLILOR DATE: 1997-01-28
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN VET. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, Application US/10186643
Fublication No. US20030118546A1
GENERAL INFORMATION:
APPLICANT: Wei, Ying-Fei
APPLICANT: Wi, Jian
APPLICANT: Ruben, Steven
TITLE OF INVENTION: Tumor Necrosis Factor Receptor 5
FILE REFERENCE: 1488.1280004
CURRENT FILING DATE: 2002-07-02
PRIOR FILING DATE: 2002-07-02
PRIOR FILING DATE: 2000-05-18
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Publication No. US20030108516A1
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Best Local Similarity 100.0
Matches 335; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                 GENERAL INFORMATION:
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US-10-175-902-3
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US-10-186-643-7
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CURRENT APPLICATION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta FILE REFERENCE: PP454P3

CURRENT APPLICATION NUMBER: US/10/418,242

CURRENT FILING DATE: 2003-04-18

FRIOR PILING DATE: 2002-04-19

FRIOR FILING DATE: 2001-04-24

FRIOR FILING DATE: 2001-08-24

FRIOR PLING DATE: 2000-13-1

FRIOR PLING DATE: 2000-13-1

FRIOR PLING DATE: 2000-18-29

FRIOR PLING DATE: 2000-18-29

FRIOR PLING DATE: 2000-08-25

FRIOR PLING DATE: 2000-08-25

FRIOR PLING DATE: 2000-08-25

FRIOR PLING DATE: 1999-12-01

FRIOR PLING DATE: 1999-12-01

FRIOR PLING DATE: 1999-04-30

FRIOR PLING DATE: 1999-04-27

FRIOR PLING DATE: 1999-04-27

FRIOR PLING DATE: 1999-04-27

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Publication No. US20040013664A1
GENERAL INFORMATION:
APPLICANT: Gentz et al.
TITLE OF INVENTION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
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100.0%; Pred. No. 1.2e-149;
tive 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 335; Conservative
SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 7 LENGTH: 335
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61 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT 120
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Best Local Similarity 100.0%; Score 1804; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 1.2e-149;
Matches 335; Conservative 0; Mismatches 0; Indels 0;
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     0; Indels
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; Publication No. US20040141952A1
; Publication No. US20040141952A1
; GENERAL INFORMATION:
    APPLICANT: Wi, Jian
; APPLICANT: Gentz, Reiner L.
    APPLICANT: Rosen, Craig A.
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Death Domain Containing Receptor 5
; TITLE REFERENCE: 14488-1310006
; CURRENT APPLICATION NUMBER: US/10/774,622
; CURRENT PILING DATE: 2004-02-10
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        0; Mismatches
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CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: US/09/565,009
PRIOR FILING DATE: 2000-05-04
PRIOR FILING DATE: 2000-05-04
PRIOR FILING DATE: 1999-08-13
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: 60/133,238
PRIOR PLING DATE: 1999-05-04
PRIOR PLING DATE: 1999-05-04
PRIOR PRILING DATE: 1999-05-04
PRIOR FILING DATE: 1998-03-17
PRIOR PRILING DATE: 1998-03-17
PRIOR FILING DATE: 1998-03-17
PRIOR APPLICATION NUMBER: 60/054,021
PRIOR FILING DATE: 1997-07-29
PRIOR FILING DATE: 1997-07-29
PRIOR FILING DATE: 1997-07-29
PRIOR FILING DATE: 1997-07-29
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        Matches 335; Conservative
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US-10-774-622-4
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Pred. No. 1.2e-149;
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Best Local Similarity 100.0%; Pred. No. 1.2e-149;
Matches 335; Conservative 0; Mismatches 0; Indels 0;
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APPLICANT: Gentz, Reiner L
APPLICANT: Yu, Gian.
APPLICANT: Yu, Gian.
APPLICANT: Yu, Gian.-Liang
APPLICANT: Yu, Gian.-Liang
APPLICANT: Rosen, Craig A
TITLE OF INVENTION: Death Domain Containing Receptor 5
FILE REFERENCE: PF366P2
CURRENT APPLICATION NUMBER: US/10/648,825
CURRENT FILING DATE: 2003-08-25
PRIOR APPLICATION NUMBER: 60/406,846
PRIOR FILING DATE: 1997-03-17
PRIOR APPLICATION NUMBER: 09/042,538
PRIOR APPLICATION NUMBER: 09/042,538
PRIOR APPLICATION NUMBER: 60/132,498
PRIOR APPLICATION NUMBER: 60/132,498
PRIOR APPLICATION NUMBER: 60/132,38
PRIOR PELING DATE: 1998-05-07
PRIOR PELING DATE: 1998-05-07
PRIOR PELING DATE: 1998-05-07
PRIOR PELING DATE: 1998-05-07
PRIOR PELING DATE: 2000-05-04-06-13
PRIOR APPLICATION NUMBER: 60/413,747
PRIOR APPLICATION NUMBER: 2002-08-28
PRIOR APPLICATI
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Publication No. US20040136951A1
GENERAL INFORMATION:
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND US
FILE REPERENCE: CLOOLSO
CURRENT APPLICATION NUMBER: US/10/741,601
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 26415
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pred. No. 1.2e-149;
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100.0%; Pred. No. 1.2
Live 0; Mismatches
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Publication No. US20040166519A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                 US-10-741-601-447
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US-10-741-601-447
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US-10-226-296-3
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Sequence 3, Application US/10226296
Publication No. US20030036168A1
GENERAL INFORMATION:
APPLICANT: Ni, Jian
Rosen, Craig A.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    181 LLPIPLIVWVKRKEVQKTCRKHRKENQGSHESPTLNPETVAINLSDVDLSKYITTIAGVM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                     TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: I Receptor 4), Member of the TNF-Receptor Superfamily and Binding to Trail (AP02-L)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .,
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                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC_compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSLV 335
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                                                                                                                                                               ADDRESSEE: HUMAN GENOME SCIENCES, INC. STREET: 9410 KEY WEST AVENUE CITY: ROCKVILLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 1488.1300004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/226,296
FILING DATE: 23-Aug-2002
CLASSIFICATION AURIEN: US/09/448,668
FILING DATE: 4URKNOWN-
APPLICATION NUMBER: US/09/448,668
FILING DATE: 4URKNOWN-
APPLICATION NUMBER: 09/013,895
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 669 amino acids
Pan, James G.
Gentz, Reiner L.
Dixit, Vishva M.
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                                                                                                                                                                                                                                                                      ZIP: 20850
COMPUTER READABLE FORM:
                                                                                                                     NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 3
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Best Local Similarity 100.0
Matches 335, Conservative
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                                                                                                                                                                                                                                                     COUNTRY: US
                                                                                                                                                                                                                               STATE: MD
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US-10-226-296-3
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Compugen Ltd.
GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compuc
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OM protein - protein search, using sw model

September 28, 2004, 10:40:08; Search time 22.721 Seconds (without alignments) 742.965 Million cell updates/sec Run on:

US-09-446-634B-23

Title:

Perfect score: Sequence:

1 MLWIWAVLPLVLAGSQLRVH......KDLGKSTPDTGNENEGQCLE 327

Gapop 10.0 , Gapext 0.5 BLOSUM62 Scoring table:

389414 seqs, 51625971 residues Searched:

Total number of hits satisfying chosen parameters:

389414

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Maximum Match 100% Post-processing: Minimum Match 0%

Database :

Listing first 45 summaries

/cgr2_6/ptodata/2/iaa/5A COMB.pep:*
/cgr2_6/ptodata/2/iaa/5B-COMB.pep:*
/cgr2_6/ptodata/2/iaa/6A COMB.pep:*
/cgr2_6/ptodata/2/iaa/6B-COMB.pep:*
/cgr2_6/ptodata/2/iaa/PcrUS COMB.pep:*
/cgr2_6/ptodata/2/iaa/PcrUS COMB.pep:* Issued_Patents_AA:* .. 2

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Description		99	99	Sequence 3, Appli	ď	۲.		,	edilence 7		- 0	Segmence 3 Appli			ì		· ~		, m	6	Sequence 19. April	4	,	· ~	ر م	45,	45,	4
SUMMARIES		-03-230-640-66	-09-60-	-09-013-895A	-09-448-	US-08-219-237B-2	US-08-409-338-1	-640-		US-08-468-560C-2		9-565-918	3-986	US-09-665-615B-2	PCT-US95-17083-2	38-815-469-6	US-09-086-483A-3	US-09-580-212-3	-402-	-08-444	US-08-152-443A-19	PCT-US95-17083-4	US-09-527-236A-3	m	US-08-974-022-45	5A-4	-08-795-44	US-08-974-186-45
DB	; ,	n •	4	4	4	7	7	r	m	٣	4	4	4	4	2	m	m	4	4	-	Н	Ŋ	4	4	٣	m	m	m
Length	1000	770	327	699	699	335	335	335	335	335	335	335	335	335	335	335	331	331	331	314	314	314	281	281	219	219	219	\vdash
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Segmence 45. Appl	131	Segmence 45. Appl	Sequence 22. Appl	Sequence 15 April	Semience 21 Appl	Segmence 23. Appl	22	ī	0	Segmence 11. Appl	7 1	A	4	ı	, ~	Semience 5 April:	14,
US-08-795-446B-45	US-08-706-945D-131	US-08-577-788C-45	US-08-828-683A-22	US-09-180-100-15	US-09-180-100-21	US-09-180-100-23	US-09-180-100-22	US-09-180-100-9	US-09-180-100-10	US-09-180-100-11	US-08-828-683A-15	US-08-219-237B-3	US-08-477-347-14	US-08-476-862-5	US-08-468-560C-3	US-009-800-30	US-09-800-908-14
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219	219	219	167	157	144	159	376	128	143	360	119	119	119	119	119	119	119
32.4	32.4	32.4	29.0	27.5	27.4	27.4	27.4	26.1	26.1	26.1	25.6	25.5	25.5	25.5	25.5	25.5	25.5
585	585	585	523	496	494.5	494.5	494.5	470	470	470	462	460	460	460	460	460	460
28	29	30	31	32	33	34	35	36	37	38	33	40	41	42	43	44	45

ALIGNMENTS

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Sequence 66, Application US/09290640
Patent No. 6204055
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
TITLE OF INVENTION: AND SERVENCE: 1SPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                       61 PGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCTLTQN 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                         121 TKCKCKPDFYCDSPGCEHCVRCASCEHGTLEPCTATSNTNCRKQSPRNRLWLLTILVLLI 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        181 PLVFIYRKYRKKKWKRKQDDPESRTSSRETIPMNASNLSLSKYIPRIAEDMTIQEAKKF 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         241 ARENNIKEGKIDEIMHDSIQDTAEQKVQLLLCWYQSHGKSDAYQDLIKGLKKAECRTLD 300
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                                                                                                                                                                                                                                                                                                                Length 327;
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                                                                                                                                                                                                                                                                                                            Score 1804; DB 3;
Pred. No. 4.6e-158;
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                                                                                                                                                                                                                                                                                             100.0%; Scc...
100.0%; Pred. No. *...
0; Mismatches
                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0
Matches 327, Conservative
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; TYPE: PRT
; ORGANISM: Mus musculus
US-09-290-640-66
RESULT 1
US-09-290-640-66
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RESULT 2 US-09-665-615B-66

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COMPUTER READABLE FORM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TKCKCKPDFYCDSPGCEHCVRCASCEHGTLEPCTATSNTNCRKQSPRNRLWLLTILVLLI 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 TKCKCKPDFYCDSFGCEHCVRCASCEHGTLEPCTAISNTNCRKQSPRNRLWLLTILVLLI 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 POKKKVEDCKWNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCTLTQN 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 PGKKKVEDCKWINGGIPTCAPCTEGKEYMDKNHYADKCRRCTLCDEBHGLEVEINCTLTDN 120
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APPLICANT: Ni, Jian
APPLICANT: Rosen, Carig A.
APPLICANT: Rosen, James G.
APPLICANT: Pan, James G.
APPLICANT: Dixit, Vishva M.
APPLICANT: Dixit, Vishva M.
TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death TITLE OF INVENTION: Superfamily and Binding to Trail (APO2-L) NUMBER OP SEQUENCE: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GENOME SCIENCES, INC.
STREET: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MIWIWAVILPLVIAGSQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCCQPCQ
        parent No. 6653133

parent No. 6653133

parent No. 6653133

parent No. 6653133

APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Watt. Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
TITLE OF INVENTION NUMBER: US/09/665,615B
CURRENT FILING DATE: 1999-04-12

PRIOR APPLICATION NUMBER: US 09/290,640

PRIOR FILING DATE: 1999-04-12

NUMBER OF SEQ ID NOS: 179

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 66

SEQ ID NO 66
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Best Local Similarity 100.0%; Pred. No. 4.6e-158;
Matches 327; Conservative 0; Mismatches 0; Indels 0;
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Patent No. 6342363
GENERAL INFORMATION:
Sequence 66, Application US/09665615B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Mus musculus US-09-665-615B-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ROCKVILLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20850
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-013-895A-3
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57 QPCQPGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           177 VILIPLVFIYRKYRKRKGWKRRQDDP---ESRISSRETIPMNASNLSLSKYIPRIAEDMT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Jana
APPLICANT: Rosen, Janes G.
APPLICANT: Gentz, Seeiner L.
APPLICANT: Gentz, Wishva M.
TITLE OF INVENTION: Dath Domain Containing Receptor 4 (DR4: Death TITLE OF INVENTION: Receptor 4), Member of the TNF-Receptor TITLE OF INVENTION: Superfamily and Binding to Trail (AP02-L)
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47.9%; Score 863.5; DB 4; Length
49.2%; Pred. No. 4.4e-71;
tive 54; Mismatches 108; Indels
             SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/013,895A
FILING DATE: 27-JAN-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1300002
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (202) 371-2240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   294 ECRRILDKFQDMVQKDLGKSTPDTGNENEGQCL 326
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; Sequence 3, Application US/09448868
; Patent No. 6461823
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                              TELERAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 669 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 164; Conservative
                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: protein US-09-013-895A-3
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
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COUNTRY: [
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CORRESPONDENCE ADDRESS:
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APPLICANT:
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APPLICANT:
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APPLICANT: NAGATA, Shigekazu
APPLICANT: ITOH, Naoco
APPLICANT: TOH, Naoco
APPLICANT: YONEHARA, Shin
TITLE OF INVENTION: DNA Coding for Human Cell Surface Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.9%; Score 863.5; DB 4; Length 669;
49.2%; Pred. No. 4.4e-71;
Live 54; Mismatches 108; Indels 7
                                    SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
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P.O. Box 2266 Eads Station
                                                                                APPLICATION NUMBER: US/09/448,868
FILING DATE: HEREWITH
                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/013,895
FILING DATE: 27-JAN-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                 NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.
TELEPCOMMUNICATION INPORMATION:
TELEPHONE: (202) 371-2600
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
Floppy disk
IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                       LENGTH: 669 amino acids
                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 49.2
Matches 164; Conservative
                                                                                                 HEREWITH
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                 COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: siz
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                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
MEDIUM TYPE:
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US-08-219-237B-2
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57 QPCQPGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MLWIWAVLPLVLAG----SQLRVHIQGINSISESLKLRRRVHETDKNCSEGLYQGGPFCC 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                177 VLLIPL-VFIYRKYRKRKCWKRRQDDP---ESRTSSRETIPMNASNLSLSKYIPRIAEDM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Daniel, Peter T.
TITLE OF INVENTION: Monoclonal Antibodies to the APO-1 Antigen
NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 335;
                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           54; Mismatches 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
47.5%; Score 856; DB 2;
Best Local Similarity 49.4%; Pred. No. 8.7e-71;
Matches 165; Conservative 54; Mismatches 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  293 AECRRILDKFQDMVQKDLGKSTPDTGNENEGQCL 326
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                                                                                                                                         APPLICATION NUMBER: US/08/219,237B
                                                                                                                                                        FILING DATE: 28-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,129
FILING DATE: 22-APR-1992
CLASSIFICATION: 435
                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Krammer, Peter H.
Debatin, Klaus-Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 1, Application US/08409338
; Patent No. 5891434
; GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                       NAME: James W. Hellwege
REGISTRATION NUMBER: 28,808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Trauth, Bernhard C.
                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dhein, Jens
Klas, Christiane
                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 335 amino acids
TYPE: amino acid
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LENGTH: 335 amino acid
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Falk, Werner
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CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
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                                                                                              TYPE: PRT
CRGANISM: Homo sapiens
US-09-290-640-2
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CITY: RC
                                                                     SEQ ID NO 2
LENGTH: 335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          177 VLLIPL-VFIYRKYRKRKCWKRRQDDP---ESRTSSRETIPMNASNLSLSKYIPRIAEDM 232
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Best Local Similarity 49.4%; Pred. No. 8.7e-71;
Matches 165; Conservative 54; Mismatches 107; Indels
           ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington, MA 02173
STATE: Massachusetts
                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/409,338 FILING DATE:
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                                                                                                                                                                                                                             CLASSIPECATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,644
FILING DATE: 16-UNV-1994
APPLICATION NUMBER: US 07/691,016
FILING DATE: 17-UNN-1991
CLASSIPTICATION: 424
                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
TYPE: PC-DOS/MS-DOS
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TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
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NAME: Brook, David E.
REGISTRATION NUMBER: 22,5
                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER:
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                                                                                  COUNTRY:
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233 TIQEAKKFARENNIKEGKIDEIMHDSIQDTAFQKVQLLLCWYQSHGKSDAYQDLIKGLKK 292
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                                                                                                                                                 1 MIGIWILLPLVLISVARLSSKSVNAQVIDINSKGLELRKIVITVETQNLEGLHHDGQFCH
                                                                                               1 MLWIWAVLPLVLAG----SQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCC
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                                                     Gaps
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Query Match
47.5%; Score 856; DB 3; Length 335;
Best Local Similarity 49.4%; Pred. No. 8.7e-71;
Matches 165; Conservative 54; Mismatches 107; Indels
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APPLICANT: TU, GUO-LIANG
APPLICANT: TU, GUO-LIANG
APPLICANT: RUBEN, STEVEN
APPLICANT: RUBEN, STEVEN
NUMBER OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/006,353A
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ATTORNEY/AGENT INFORMATION:
NAME: BROOKES, ANDERS A
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF341
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8512
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                             47.5%; Score 856; DB 3; Length 335;
49.4%; Pred. No. 8.7e-71;
ative 54; Mismatches 107; Indels
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APPLICANT: ITOH, Naoto
APPLICANT: VONEHARA, Shin
ITILE OF INVENTION: DNA CODING FOR HUMAN CELL SURFACE
ITILE OF INVENTION: ANTIGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: DNA CODING FOR HUMAN CELL SURE TITLE OF INVENTION: ANTIGEN NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP STREET: P.O. BOX 747
CITY: FALLS CHURCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Fatentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
FILING DATE: 06-7001-1995
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NAME: MURPHY JR., GERLAD M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 20-4393P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Patent No. 6270998
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TELEPHONE: 703-205-8000
                                     335 amino acids
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INFORMATION FOR SEQ ID NO:
                  SEQUENCE CHARACTERISTICS
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                                                                   single
                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
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MEDIUM TYPE: Floppy
                                           TYPE: amino acid
STRANDEDNESS: sir
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OPERATING SYSTEM:
                                                                                                                                             Query Match
Best Local Similarity
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ZIP: 22040-0747
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                              LENGTH:
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57 QPCQPGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
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                                                                                                                                                                                                                                                                                                                     1 MLGIWTLLPLVLTSVARLSSKSVNAQVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCH 60
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                                                                                                                                                                                                                                    8;
                                                                                                                                                                                        Length 335;
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                                                                                                                                                                                                                                 54; Mismatches 107; Indels
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tive 54; Mismatches 107; Indels
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Patent No. 6306395
GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. 6306395io
APPLICANT: NAKAMURA, No. 6306395io
TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
FILE REPERRENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/180,100
CURRENT FILING DATE: 1998-11-02
BARLIER APPLICATION NUMBER: PCT/JP97/01502
BARLIER APPLICATION NUMBER: PCT/JP97/01502
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                     Score 856; DB 3;
Pred. No. 8.7e-71;
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49.4%; Pred. No. 8.7e-71;
47.58;
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                                                                                                       MOLECULE TYPE: protein
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ORGANISM: Homo sapiens
                                                                                                                                                                                                      Best Local Similarity
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US-09-665-615B-2
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LENGTH: 335
                                                                                                                                                                                                                                                                                   TYPE: PRT
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Best Local 8
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                  IIQEAKKFARENNIKEGKIDEIMHDSIQDIAEQKVQLLLCWYQSHGKSDAYQDLIKGLKK 292
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47.5%; Score 856; DB 4; Length 335;
Best Local Similarity 49.4%; Pred. No. 8.7e-71;
Matches 165; Conservative 54; Mismatches 107; Indels
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APPLICANT: Ni, Jian
APPLICANT: Rosen, Craig A.
APPLICANT: Pan, James G.
APPLICANT: Gencz, Resiner L.
APPLICANT: Gencz, Resiner L.
TITLE OF INVENTION: Death Domain Containing Receptor 4
FILE REFERENCE: 1488 130000-05-05
CURRENT APPLICATION NUMBER: US/9/565,918
CURRENT FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: US 60/132,922
PRIOR PLILING DATE: 1998-01-27
PRIOR PLILING DATE: 1998-01-27
PRIOR PLILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: US 60/037,829
PRIOR PLILING DATE: 1997-02-05
PRIOR PLILING DATE: 1997-02-05
PRIOR PLILING DATE: 1997-02-05
PRIOR FILING DATE: 1997-01-28
NUMBER OF SEQ ID NOS: 13
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US-09-565-918-3
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SEQ ID NO 3
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APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Watch, Jacqueline
TITLE CO INVENTION: Antisense Modulation of Fas Mediated Signaling
FILE REPERENCE: ISPH-0502
CURRENT APPLICATION NUMBER: US/09/665,615B
CURRENT APPLICATION NUMBER: US 09/290,640
PRIOR PILING DATE: 1999-04-12
PRIOR FILING DATE: 1999-04-12
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                                                                                                                                                                                                                                                                                                                                                                                                  47.5%; Score 856; DB 4; Length 335;
49.4%; Pred. No. 8.7e-71;
tive 54; Mismatches 107; Indels
Sequence 7, Application US/09573986;
Patent No. 6455040;
GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Ni, Jian
APPLICANT: Ruben, Steven
TITLE OF INVENTION: Tumor Necrosis Factor Receptor;
FILE REFERENCE: 1488.1280004;
CURRENT APPLICATION NUMBER: US/09/573,986
CURRENT FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 27
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; Patent No. 6653133
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SEQ ID NO 2
LENGTH: 335
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ORGANISM: Homo sapiens
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US-09-573-986-7
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301 ANLCTLAEKIQTILKDITSDSENSNFRNEIQSL 334
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FILING DATE: 12-MAR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/815,469
FILING DATE: HEREWITH
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                                                                                      US-08-815-469-6; Sequence 6, Application US/08815469; Patent No. 6153402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 14:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: No. 61.
FILING DATE: 06-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/
FILING DATE: 17-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/
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Best Local Similarity 49.1%
Matches 164; Conservative
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PRIOR APPLICATION DATA:
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                                                              1 MLGIWIILPLVLISVARLSSKSVNAQVIDINSKGLELRKIVIIVETQNLEGLHHDGQFCH 60
                                  1 MLWIWAVLPLVLAG----SQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCC 56
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49.4%; Pred. No. 8.7e-71;
ive 54; Mismatches 107; Indels
   54; Mismatches 107; Indels
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APPLICATION NUMBER: PCT/US95/17083
FILING DATE: CONCURRENTLY HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 2, Application PC/TUS9517083 ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: USSN
FILING DATE: 23-DEC-1994
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
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165; Conservative
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
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QPCQPGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
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GENERAL INCOMMATION:
APPLICANT: Yu, Guo-Liang
APPLICANT: Ni, Jian
APPLICANT: Dixit, Vishva
APPLICANT: Gentz, Reiner L.
APPLICANT: Dillon, Patrick J.
TITLE OF INVENTION: Dath Domain Containing Receptors
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       46.8%; Score 844; DB 3; L. 49.1%; Pred. No. 1.1e-69; tive 54; Mismatches 108;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1488.0310003/EKS/KRM
                                                                                                                                                                                                                                               3: Sterne, Kessler, Goldstein & Fox, 1100 New York Ave., NW, Suite 600
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September 28, 2004, 10:52:43; Search time 87.9245 Seconds (without alignments) 1195.909 Million cell updates/sec
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/ cgm2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/ cgm2_6/ptodata/1/pubpaa/DEMEW_PUB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ cgm2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1349238 seqs, 321558718 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Published Applications AA:*
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                   OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence:
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                                                                                                                                                                                                         Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 66, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 3, Appli Sequence 7, Appli Sequence 7, Appli Sequence 20, Appli Sequence 20, Appli Sequence 2, Appli
SUMMARIES	US-09-802-66 US-10-619-220-66 US-10-13-616-9 US-09-948-018-18 US-09-948-018-18 US-09-826-318-3 US-09-826-318-3 US-09-826-212-7 US-09-80-69-2 US-09-874-138-4 US-09-884-987-2 US-09-935-727-9 US-09-935-727-9 US-09-935-727-9 US-10-619-220-2
DB	24 4440 0000000000000000000000000000000
% Query Match Length DB	 1
% Query Match	0001 0007 0000 0004 0000 0000 0000 0000
Score	8611 113004 113004 8633 - 5004 8633 - 5004 8656 8656 8656 8656 8656
Result No.	1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1

Sequence 3. Appli	, ,	6	4	4	Sequence 447. App	Sequence 6. Appli	Segmence 6. Appli	Sequence 6, Appli	Seguence 446. App	Segmence 3. Appli		Sequence 451. App	ā	Sequence 3. Appli	Sequence 128. App	449	Sequence 22. Appl	Sequence 960. App	Segmence 960. Ann	Sequence 15. Appl	Sequence 21, Appl	Sequence 23, Appl	Sequence 12. Appl	2	Segmence 10. Appl	6		110	Sequence 15, Appl
US-10-175-902-3						US-09-333-966-6	US-09-314-889-6	US-10-189-189-6	US-10-741-601-446	US-10-280-047-3	US-10-445-399-15	US-10-741-601-451	US-09-756-854-3	US-10-041-574-3	US-09-405-032-128	US-10-741-601-449	US-10-112-793-22	US-09-925-299-960	US-09-925-299-960	US-09-949-713-15	US-09-949-713-21	US-09-949-713-23	US-10-084-139-12	US-09-949-713-22	US-10-084-139-10	US-09-949-713-9	US-09-949-713-10	US-09-949-713-11	US-10-112-793-15
14	14	15	16	16	16	Ø	10	14	16	14	16	16	6	13	11	16	13	9	10	σ	0	6	14	6	14	σ	6	σ	13
335	335	335	335	335	335	335	335	335	334	331	319	313	281	281	219	201	167	237	237	157	144	159	159	376	376	128	143	360	119
47.5	47.5	47.5	47.5	47.5	47.5	46.8	46.8	46.8	46.6	45.7	45.6	44.1	35.8	35.8	32.4	29.1	29.0	29.0	29.0	27.5	27.4	27.4	27.4	27.4	27.4	26.1	26.1	26.1	25.6
856	856	856	856	856	856	844	844	844	840.5	825	822	795	645	645	585	525	523	523	523	496	494.5	494.5	494.5	494.5	494.5	470	470	470	462
16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

```
APPLICANT: Dean, Nicholas M.
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Applicant John Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
TITLE OF INVENTION NUMBER: US/09/802,669
CURRENT APPLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1990-04-12
PRIOR PALING DATE: 1990-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 1804; DB 9;
100.0%; Pred. No. 3.9e-146;
tive 0; Mismatches 0;
                   Sequence 66, Application US/09802669; Patent No. US20020004490A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.(
Matches 327, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Mus musculus
US-09-802-669-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-802-669-66
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APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Myatt, Jacqueline
APPLICANT: Myatt, Jacqueline
TYTLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
TILE REFERENCE: ISPH-545
CURRENT FILING DATE: 2003-07-14
PRIOR PILING DATE: 2003-07-14
PRIOR PILING DATE: 2001-03-01
PRIOR PILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     241 ARENNIKEGKIDEIMHDSIQDTAEQKVQLLLCWYQSHGKSDAYQDLIKGLKKAECRRTLD 300
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                                                                   241 ARENNIKEGKIDEIMHDSIODTAEQKVQLLLCWYQSHGKSDAYQDLIKGLKKAECRRTLD 300
                                                                                                                                  61 PGKKKVEDCKANGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCTLTQN
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                                                  PLVFIYRKYRKRKCWKRRQDDPESRISSRETIPMNASNLSLSKYIPRIAEDMTIQEAKKF
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Best Local Similarity 100.0%; Pred. No. 3.9e-146;
Matches 327; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              301 KFODMVOKDLGKSTPDTGNENEGOCLE 327
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                                                                                                                                                                                                                                                                                         Sequence 66, Application US/10619220 Publication No. US20040033979A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ORGANISM: Mus musculus US-10-619-220-66
                                                                                                                                                                                                                                                                RESULT 2
US-10-619-220-66
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LENGTH: 327
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RESULT 3

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                                                                                                                                       ARPLICANT: Zhang, Ke
TITLE OF INVENTION: Sclation, Identification, and Characterization of
TITLE OF INVENTION: ymkz5, a novel
TITLE OF INVENTION: wmkz5, a novel
TITLE OF INVENTION: member of the TNF-Receptor Supergene Family
TITLE OF INVENTION: member of the TNF-Receptor Supergene Family
FILE REPRENCE: 01017/35551A
CURRENT APPLICATION NUMBER: US/10/193,616
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: US 60/143,137
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 15
SOFFWARE: Patentin Ver. 2.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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100.0%; Pred. No. 9.6e-92;
:ive 0; Mismatches 0;
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Pest Local Similarity 100.0%; Pred. No. 1.7e-107;
Matches 242; Conservative 0; Mismatches 0;
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; Sequence 9, Application US/10193616; Publication No. US20030096355Al; GENERAL INFORMATION:
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ORGANISM: Mus musculus
US-09-948-018-18
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ORGANISM: Mus musculus
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Best Local Similarity
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MLWIWAVLPLVLAGSQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCCQPCQ
                                                                      PGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCTLTQN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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49.2%; Pred. No. 3.5e-65;
cive 54; Mismatches 108;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 1488.1300004
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/10/226,296
FILING DATE: 23-Aug-2002
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/448,868
FILING DATE: «Unknown»
APPLICATION NUMBER: 09/013,895
FILING DATE: 27-UAN-1998
ATTORNEY/AGENT INFORMATION:
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SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-226-296-3
                                                                                                                                                                                                                                       181 PLVFIYRKYRKRKCWKRRQDDPES 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 9410 KEY WEST AVENUE CITY: ROCKVILLE
                                                                                                                                                                                                               PLVFIYRKYRKKKCWKRRODDPES 204
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                       ; Sequence 3, Application US/10226296
; Publication No. US20030036168A1
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APPLICANT: Ni, Jian
Rosen, Craig A.
Pan, James G.
Gentz, Reiner L.
Gentz, Reiner L.
Dixit, Vishva M.
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Best Local Similarity
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Matches 164; Conservative

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QPCQPGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
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                                                                                                                                                                                                                                                                                      VLLIPLVFIYRKYRKRKCWKRRQDDP---ESRTSSRETIPMNASNLSLSKYIPRIAEDMT 233
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                                                                                                                                                                                                                                                                                                                                                                                                               1 MLWIWAVLPLVLAG----SQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCC 56
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Pan, James G.
Gentz, Reiner L.
Gentz, Vishva M.
TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death Receptor 4), Member of the TNF-Receptor Superfamily and Binding to Trail (AP02-L)
                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/226,318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     636 NLCTLABKIQTIILKDITSDSENSNFRNEIQSL 668
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REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1498.1300004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/448,868
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: 09/013,895
FILING DATE: 27-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEPHONE: (202) 371-2600
TELEFAX: (202)371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 23-Aug-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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NUMBER OF SEQ ID NOS: 26
SOPTWARDED. D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 7
LENGTH: 335
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                                                                                                                                                                                                                                       396 KPCPPGERKARDCTVNGDEPDCVPCQEGKEYIDKAHFSSKCRRCRLCDEGHGLEVEINCT
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                                                                                            DB 14; Length 669;
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Best Local Similarity 49.2%; Pred. No. 3.5e-65;
Matches 164; Conservative 54; Mismatches 108; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: No. Craig A
APPLICANT: Rosen, Craig A
APPLICANT: Rosen, Craig A
APPLICANT: Rosen, James G
APPLICANT: Pan, James G
APPLICANT: Gentz, Reiner L
APPLICANT: Oxixit, Vishva M
TITLE OF INVENTION: Death Domain Containing Receptor-4
FILE REFERENCE: PF355P2
CURRENT APPLICATION NUMBER: US/10/648,786
CURRENT APPLICATION NUMBER: 60/035,722
PRIOR PILING DATE: 1997-02-08
PRIOR FILING DATE: 1997-02-06
PRIOR PPLICATION NUMBER: 60/13,829
PRIOR FILING DATE: 1998-01-27
PRIOR PPLICATION NUMBER: 60/13,895
PRIOR FILING DATE: 1998-01-27
PRIOR PPLICATION NUMBER: 60/13,922
PRIOR FILING DATE: 1998-05-06
PRIOR FILING DATE: 2000-05-05
PRIOR PPLICATION NUMBER: 60/413,861
PRIOR FILING DATE: 2000-08-30
PRIOR FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/413,861
PRIOR APPLICATION NUMBER: 60/413,861
PRIOR PRILING DATE: 2002-09-27
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                           Indels
                                                                                           47.9%; Score 863.5; DB 14;
49.2%; Pred. No. 3.5e-65;
tive 54; Mismatches 108;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         636 NLCTLAEKIQTIILKDITSDSENSNFRNEIQSL 668
TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-226-318-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/10648786 Publication No. US20040136950A1 GENERAL INFORMATION:
                                                                                              Query Match
Best Local Similarity 49.2%
Matches 164; Conservative
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ORGANISM: human
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233 TIQBAKKFARENNIKEGKIDEIMHDSIQDTAEQKVQLLLCWYQSHGKSDAYQDLIKGLKK 292
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                         57 QPCQPGKKKVEDCKWNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
1 MLWIWAVLPLVLAG----SQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCC 56
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                                                                                                      456 RIQNIKCRCKPNFFCNSIVCEHCDPCTKCEHGIIKECTLISNTKCKEEGSRSNLGWLCLL
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Best Local Similarity 49.4%; Pred. No. 6.5e-65;
Matches 165; Conservative 54; Mismatches 107; Indels
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APPLICANT: Wei, Ying-Fei
APPLICANT: Reiner
APPLICANT: Ruben, Steven
TITLE OF INVENTION: Tumor Necrosis Factor Receptor
FILE REPRENCE: 1488.1280006
CURRENT APPLICATION NUMBER: US/09/826,212
CURRENT FILING DATE: 2001-04-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          293 AECRATLDKFQDMVQKDLGKSTPDTGNENEGQCL 326
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Patent No. US20010021516Al
GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.0
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Best Local Similarity
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               SEQ ID NO 20
LENGTH: 335
TYPE: PRT
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                                                                         Sequence 2, Application US/09802669

Sequence 2, Application US/09802669

Patent No. US20020004490A1

GREEAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcuscon, Eric G.
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISSH-545
CURRENT FILING DATE: 2001-03-09
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47.5%; Score 856; DB 9; Length 335;
Best Local Similarity 49.4%; Pred. No. 6.5e-65;
Matches 165; Conservative 54; Mismatches 107; Indels
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Patent No. US20020044944A1
GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. US20020044944A1io
APPLICANT: NAKAMURA, Shigekazu
TITLE OF INVENTION: NOVEL FAR ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
   301 ANLCTLAEKIQTIILKDITSDSENSNFRNEIQSL 334
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CURRENT FILING DATE: 2010-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR FILING DATE: 1998-11-02
PRIOR FILING DATE: 1997-05-01
NUMBER: OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR PILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
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US-09-802-669-2
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57 QPCQPGKKKVEDCKMNGGTPTCAPCTEGKEYMDKNHYADKCRRCTLCDEEHGLEVETNCT 116
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                                                        Score 856; DB 9; Length 335;
Pred. No. 6.5e-65;
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APPLICANT: Yu. Guo-liang
APPLICANT: Rosen, Craig A.
TITLE OF INVENTION: Death Domain Containing Receptor
FILE REPERENCE: 1488-1310006
CURRENT APPLICATION NUMBER: US/09/874,138
CURRENT FILING DATE: 2001-06-06
                                                                                                           54; Mismatches 107;
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PRIOR APPLICATION NUMBER: 09/565,009
PRIOR FLING DATE: 2000-05-04
PRIOR PELING DATE: 2000-05-04
PRIOR PELING DATE: 1999-08-13
PRIOR PILING DATE: 1999-06-07
PRIOR FILING DATE: 1999-05-07
PRIOR PAPLICATION NUMBER: 60/133,238
PRIOR PILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: 60/032,498
PRIOR FILING DATE: 1998-03-17
PRIOR PILING DATE: 1997-07-29
PRIOR PILING DATE: 1997-07-29
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                                                                    47.5%;
                                                                      Query Match
Best Local Similarity 49.4
Matches 165; Conservative
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, ORGANISM: Homo sapiens
US-09-949-713-20
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                                1 MLWIWAVLPLVLAG----SQLRVHTQGTNSISESLKLRRRVHETDKNCSEGLYQGGPFCC
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Patent No. US20020102653A1

GENERAL INFORMATION:

PAPLICANT: NAGATION:

TITLE OF INVENTION: DNA CODING FOR HUMAN CELL SURFACE ANTIGEN

FILE REFERENCE: 0020-4877P

CURRENT APPLICATION NUMBER: US/09/884,987

CURRENT FILING DATE: 2001-06-21

NUMBER OF SEQ ID NOS: 11

SOFTMARE: Patentin version 3.0
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 Mismatches 107; Indels
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ORGANISM: Homo sapiens
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                     Sequence 9, Application US/09935727
Patent No. US20020150583A1
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta FILE REFERENCE: PF454P2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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49.4%; Pred. No. 6.5e-65;
tive 54; Mismatches 107; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AECRRILDKFQDMVQKDLGKSTPDTGNENEGQCL 326
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                                                                                                                                                                                     FILE REFERENCE: PF454P2

CURRENT APPLICATION NUMBER: 05/995,727

CURRENT FILING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: 60/303,224

PRIOR FILING DATE: 2001-06

PRIOR FILING DATE: 2000-11-21

PRIOR FILING DATE: 2000-11-21

PRIOR FILING DATE: 2000-13-25

PRIOR PRILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: 60/227,598

PRIOR APPLICATION NUMBER: 60/16,331

PRIOR PILING DATE: 1999-12-01

PRIOR PILING DATE: 1999-12-01

PRIOR FILING DATE: 1999-04-27

PRIOR PILING DATE: 1999-03-12

PRIOR PILING DATE: 1999-03-12

PRIOR PILING DATE: 1999-03-12

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: 60/121,774

PRIOR PILING DATE: 1999-01-13

PRIOR PILING DATE: 1999-01-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 1997-01-14
NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 49.44
Matches 165; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
US-09-935-727-9
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RESULT 14

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US-10-619-220-2

Sequence 2, Application US/10619220

Publication No. US20040033979A1

GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Wartusson, Eric G.
APPLICANT: Watt, Jacqueline
APPLICANT: Watt, Jacqueline
APPLICANT: Anisense Compound Modulation of Fas Mediated Signaling
TITLE OF INVENTION: Anisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LTONIKCKCKFDFYCDSPGCEHCVRCASCEHGTLEPCTATSNTNCRKQSPRNRLWLLTIL 176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           107; Indels
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49.4%; Pred. No. 6.5e-65;
iive 54; Mismatches 107;
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                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 09/802,669
PRIOR FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: US 09/665,615
PRIOR APPLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 2
                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/619,220 CURRENT FILING DATE: 2003-07-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 9410 Key West Avenue CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/10005842
Publication No. US20020098550A1
GENERAL INFORMATION:
APPLICANT: Ni, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gentz, Reiner
Yu, Guo-Liang
Su, Jeffrey
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Matches 165; Conservative
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COUNTRY: US
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US-10-005-842-4
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117 LTQNTKCKCKPDFYCDSPGCEHCVRCASCEHGTLEPCTATSNTNCRKQSPRNRLWLLTIL 176
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47.5%; Score 856; DB 13; Length 335;
Best Local Similarity 49.4%; Pred. No. 6.5e-65;
Matches 165; Conservative 54; Mismatches 107; Indels
ZIP: 20850
COMPUTER READMBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        293 AECRRILDKFQDMVQKDLGKSTPDTGNENEGQCL 326
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                                                                                                                                                                                                               PRIOR APPLICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,583
FILING DATE: «Unknown»
APPLICATION NUMBER: 08 60/040,846
FILING DATE: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: HOOVEY, Kenley
REGISTRATION NUMBER: 40,302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Search completed: September 28, 2004, 11:11:17 Job time : 88.9245 secs
                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/005,842
FILING DATE: 07-Dec-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein seQ ID NO: 4: US-10-005-842-4
                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 3013098504
TELEFAX: 3013098439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 335 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
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